

Furnish Power Transformers

**State Water Facilities
South Bay Aqueduct
Alameda County**

ENGINEER'S
ESTIMATE

Turtle & Hughes, Inc.
1900 Lower Road
Linden, NJ 07036
(732) 574-3600 Ext. 3208

WEG Electric Motors, Corp.
1327 Northbrook Parkway
Suwanee, GA 30024
(678) 249-1152

| Item No. | Description | Quantity | Unit | Unit Price | Total | | Unit Price | Total | Unit Price | Total |
|----------|---|----------|------|------------------------------------|-----------------------|--|----------------|-----------------------|----------------|-----------------------|
| 1 | 69 kV – 4.16 kV Power Transformer | 2 | EA | \$710,000.00 | \$1,420,000.00 | | \$868,900.00 | \$1,737,800.00 | \$909,550.00 | \$1,819,100.00 |
| 2 | 230 kV – 69 kV Power Transformer | 2 | EA | \$1,030,000.00 | \$2,060,000.00 | | \$1,248,400.00 | \$2,496,800.00 | \$1,549,900.00 | \$3,081,800.00 |
| 3 | 69 kV – 13.8 kV Power Transformer | 1 | EA | \$180,000.00 | \$180,000.00 | | \$286,700.00 | \$286,700.00 | \$248,700.00 | \$248,700.00 |
| 4 | Accessories, Spare Parts, and Tools | 1 | JOB | LUMP SUM | \$98,600.00 | | LUMP SUM | \$47,300.00 | LUMP SUM | \$0.00 |
| 5 | Services of an Erecting Engineer | 16 | DAY | \$1,800.00 | \$28,800.00 | | \$1,175.00 | \$18,800.00 | \$1,400.00 | \$22,400.00 |
| 6 | Overtime Services of an Erecting Engineer | 48 | HR | \$200.00 | \$9,600.00 | | \$225.00 | \$10,800.00 | \$275.00 | \$13,200.00 |
| 7 | Training Program | 5 | DAY | \$2,600.00 | \$13,000.00 | | \$1,200.00 | \$6,000.00 | \$1,400.00 | \$7,000.00 |
| 8 | Liaison Services | 4 | DAY | \$2,500.00 | \$10,000.00 | | \$1,200.00 | \$4,800.00 | \$1,400.00 | \$5,600.00 |
| | | | | | | | | | | |
| | Total | | | | \$3,820,000.00 | | | \$4,609,000.00 | | \$5,197,800.00 |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| | Bid Evaluation Adjustments | | | No Load Loss - 30,000 kVA | | | Guaranteed(KW) | Bid Adjustment \$ | Guaranteed(KW) | Bid Adjustment \$ |
| | per Summary of Work: | | | Full Load Copper Loss - 30,000 KVA | | | 15.7 | \$314,000.00 | 19.3 | \$386,000.00 |
| | Section 01110, Paragraph 1.07 | | | No Load Loss - 36,000 kVA | | | 94.0 | \$1,128,000.00 | 98.4 | \$1,180,800.00 |
| | | | | Full Load Copper Loss - 36,000 KVA | | | 27.8 | \$556,000.00 | 49.0 | \$980,000.00 |
| | | | | No Load Loss - 3000 kVA | | | 95.0 | \$1,140,000.00 | 101.0 | \$1,212,000.00 |
| | | | | Full Load Copper Loss -3000 KVA | | | 5.0 | \$0.00 | 6.2 | \$0.00 |
| | | | | Bid Evaluation Total Only | | | 20.0 | \$0.00 | 26.0 | \$0.00 |
| | | | | | | | | \$7,747,000.00 | | \$8,956,600.00 |

TEN PERCENT (10%)
OF THE AMOUNT BID

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OF THE AMOUNT BID

Federal Insurance Company

Travelers Casualty and Surety Company
of America

Affiliated with Trafto Equipamentos Eléctricos S. A.